

## II. Remarks

Reconsideration and allowance of the subject application are respectfully requested.

Claims 1-18 and 20-21 are pending in the application. Claims 1 and 20 are independent.

Applicants gratefully acknowledge that the application is in condition for allowance but for the use of "tg" and "atg" in the specification and claims.

The Examiner is correct that "tg" represents "tangent", and "atg" represents "arctangent." The specification has been amended (without adding new matter) to clarify these meanings. Applicants respectfully submit that the person of ordinary skill in the art at the time would have recognized, as the Examiner has, the meanings of the terms "tg" and "atg." Support for this assertion may be found in the below definition of "tangent" from:

<http://dictionary.reference.com/browse/tangent>

tan·gent [tan-juhnt]

-- adjective

1. in immediate physical contact; touching.

2. Geometry. a. touching at a single point, as a tangent in relation to a curve or surface.

b. in contact along a single line or element, as a plane with a cylinder.

3. tangential (def. 3).

—noun 4. Geometry. a line or a plane that touches a curve or a surface at a point so that it is closer to the curve in the vicinity of the point than any other line or plane drawn through the point.

5. Trigonometry. a. (in a right triangle) the ratio of the side opposite a given angle to the side adjacent to the angle.

b. Also called tan. (of an angle) a trigonometric function equal to the ratio of the ordinate of the end point of the

arc to the abscissa of this end point, the origin being at the center of the circle on which the arc lies and the initial point of the arc being on the x-axis.

**Abbreviation: tg, tgn**

c. (originally) a straight line perpendicular to the radius of a circle at one end of an arc and extending from this point to the produced radius which cuts off the arc at its other end.

6. the upright metal blade, fastened on the inner end of a clavichord key, that rises and strikes the string when the outer end of the key is depressed.

—Idiom7. off on or at a tangent, digressing suddenly from one course of action or thought and turning to another: The speaker flew off on a tangent.

Origin: 1585–90; < L tangent- (s. of tangéns, prp. of tangere to touch) in phrase línea tangéns touching line; see -ent]

—Synonyms 1. meeting, abutting.

*Dictionary.com Unabridged (v 1.1)*

*Based on the Random House Unabridged Dictionary,*

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[Emphasis Supplied]

In view of the above, it is believed that this application is now in condition for allowance, and a Notice thereof is respectfully requested.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 625-3507. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

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